I claim:

1. A pressure-sensitive variable-conductance analog sensor with tactile feedback actuatable by a single human finger, comprising;

a housing;

electrically highly conductive elements at least in-part within said housing;

a depressible actuator retained by said housing and in-part exposed external to said housing for depression by a single human finger;

a resilient snap-through dome-cap positioned within said housing and depressible with force from said actuator applied to said dome-cap to cause said dome-cap to snap-through and create a snap-through tactile feedback detectable by the finger depressing the actuator; and

pressure-sensitive variable-conductance material positioned within said housing, said pressure-sensitive variable-conductance material electrically positioned as a variably conductive element between said highly conductive elements, said pressure-sensitive variable-conductance material further positioned for receiving force applied to said dome-cap.

2. A pressure-sensitive variable-conductance analog sensor with tactile feedback in accordance with claim 1 wherein said pressure-sensitive variable-conductance material is variable in terms of electrical resistivity, the electrical resistivity lowering with increasing force applied to said depressible actuator.

3. A pressure-sensitive variable-conductance analog sensor with tactile feedback in accordance with claim 2 wherein said housing is formed of plastic and said domecap is metallic.

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4. An improved analog sensor actuated by a single human finger, the sensor providing a variable output used for controlling an electronic game;

wherein the improvement comprises:
snap-through structuring for providing a snap-through
tactile feedback to the finger.

- 5. An improved analog sensor in accordance with claim 4 wherein said analog sensor is a pressure-sensitive analog sensor and said single human finger is a single human thumb.
- 6. An improved analog sensor in accordance with claim 5 wherein said snap-through structuring includes a metallic dome-cap.

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7. An improved momentary-On snap-through switch of the type having a housing; a resilient snap-through tactile feedback dome-cap positioned within said housing; a depressible actuator retained by said housing and in-part exposed external to said housing for being depressed by a single human finger;

wherein the improvement comprises:

analog structuring within said housing for creating a variable electrical output representational of variable depression of said actuator.

- 8. An improved momentary-On snap-through switch in accordance with claim 7 wherein said electrical output is variable in terms of electrical resistivity, the electrical resistivity lowering with increasing depression of said actuator.
- 9. An improved analog sensor of the type having at least two highly conductive electrical elements operationally connected to pressure-sensitive analog

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structure; a depressible actuator in-part exposed to be depressible toward said pressure-sensitive analog structure for supplying an analog electrical output according to depression of said actuator;

wherein the improvement comprises: a resilient snap-through dome-cap positioned to provide tactile feedback through said actuator to a human user's thumb depressing said actuator.

- 10. An improved analog sensor in accordance with claim 9 wherein said snap-through dome-cap is metallic.
 - 11. An improved pressure-sensitive analog sensor providing an electrically varying output, said varying output used for controlling an electronic game, the varying output representational of varying depressive input by a single human thumb,

wherein the improvement comprises:

- a depressible resilient snap-through tactile element, upon depression said tactile element creates a tactile feedback detectable by the single thumb.
 - 12. An improved pressure-sensitive analog sensor according to claim 11 wherein said snap-through tactile element is metallic.
- 25 13. An analog sensor, comprising;

means for varying electrical resistance for providing a varying output representational of varying depressive input by a single human finger; and

- a depressible resilient snap-through tactile element,
 when depressed said tactile element creating a tactile
 feedback detectable by the single finger.
 - 14. An analog sensor according to claim 13 wherein said analog sensor is a pressure-sensitive analog sensor.

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- 15. An analog sensor according to claim 14 further including an actuator positioned between the single human finger and said tactile element, and said tactile element is a dome-cap.
- 5 16. An analog sensor according to claim 15 wherein said dome-cap is metallic.
 - 17. An analog sensor, comprising:

an actuator moveable by only a single human finger; responsive to movement of said actuator is

first means for varying electrical resistance and providing a varying electrical output of said sensor; and responsive to movement of said actuator is

second means for providing a threshold tactile feedback detectable by the single human finger.

- 18. An analog sensor according to claim 17 wherein said second means includes a dome-cap structure, and said threshold tactile feedback is a snap-through tactile feedback.
- 19. An analog sensor according to claim 18 wherein 20 said dome-cap is metallic.
 - 20. An improved analog sensor of a type actuated by a single human finger, the sensor providing an analog electrical output used for controlling an electronic game;

wherein the improvement comprises:

- 25 means for providing a user discernable threshold tactile feedback to the finger.
 - 21. An improved analog sensor in accordance with claim 20 wherein said user discernable threshold tactile feedback is a snap-through tactile feedback.

- 22. An improved analog sensor in accordance with claim 21 wherein said means includes a metallic dome-cap.
- 23. An improved analog sensor in accordance with

 5 claim 21 wherein said analog sensor is a pressuresensitive analog sensor, and the single human finger is a
 single human thumb.
- 24. An improved analog sensor in accordance with claim 23 wherein said means includes a non-metallic dome-cap.